

CLAIMS

1. A sample temperature regulator comprising:
a heating block having a sample container holder and
a temperature-controllable heater;
a cooling block having a cooling mechanism; and
a connecting plate for combining the heating block
and the cooling block with each other;
wherein the connecting plate is made of a material
having a thermal conductivity lower than those of these
two blocks.

2. The sample temperature regulator according to
Claim 1, wherein the cooling block is combined with a
plurality of heating blocks.

3. The sample temperature regulator according to
Claim 1 or 2, further comprising a refluxing block which
is brought into contact with an upper part of a sample
container.

4. A sample temperature regulator comprising:
a heating block having a sample container holder and
a temperature-controllable heater; and
a cooling block having a cooling mechanism; the
heating block and the cooling block being combined
directly with each other;
wherein the cooling block is made of a material
having a thermal conductivity lower than that of the
heating block.

5. The sample temperature regulator according to
Claim 4, wherein the cooling block is combined with a

plurality of heating blocks.

6. The sample temperature regulator according to Claim 4 or 5, further comprising a refluxing block which is brought into contact with an upper part of a sample container.

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